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Attorney Docket No.: SOM920030005US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Chang et al.  
Docket No: SOM920030005US2  
Serial No.: 10/813,865  
Filing Date: March 31, 2004  
Group: Unassigned  
Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: Babette Blak Date: July 16, 2004

Title: Adaptive QOS System and Method

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following documents listed on the accompanying PTO Form 1449.

Documents

1. Kawarasaki et al., "Metadata associated Network Services and Capabilities," Proc. Int. Conf. on Dublin Core and Metadata for e-Communities 2002, Florence, Italy, pp. 225-227 (2002).
2. Bechler et al., "Quality of Service in Mobile and Wireless Networks: The Need for Proactive and Adaptive Applications," Proceedings of the 33<sup>rd</sup> Hawaii International Conference on System Sciences, University of Karlsruhe (2000).
3. Margaritidis et al., "Adaptation Techniques for Ubiquitous Internet Multimedia," *Wireless Communications and Mobile Computing*, vol. 1, no. 2, pp.141-163 (Jan 2001).
4. A.N. Desai, "An Adaptive QoS Mechanism for Multimedia Applications in Heterogeneous Environments," A thesis submitted to the Graduate school of New Brunswick Rutgers, New Brunswick, New Jersey (2001).
5. Nahrstedt et al., "QoS-Aware Middleware for Ubiquitous and Heterogeneous Environments," *IEEE Communications Magazine* 2001.
6. Chalmers et al., "QoS and Context Awareness for Mobile Computing," Department of Computing, Imperial College, London (1999).
7. Chalmers et al., "QoS and Context Awareness for Mobile Computing," Proc. 1<sup>st</sup> Intl. Symposium on Handheld and Ubiquitous Computing, Karlsruhe, Germany (Sep 1999).

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8. Krasic et al., "QoS Scalability for Streamed Media Delivery," OGI CSE *Technical Report* SCE-99-011 (Sept. 1999).

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or the credit **International Business Machines Corporation's Deposit Account No. 50-0510** as required to correct the error.

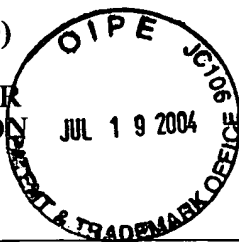
The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or as a representation that no other material information exists.

Respectfully submitted,



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Date: July 16, 2004

LIST OF PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

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## U.S. PATENT DOCUMENTS

EXAMINER				FILING DATE	
INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER				TRANSLATION	
INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES NO

## OTHER DOCUMENTS

EXAMINER		REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
INITIAL			

\_\_\_\_\_ Kawarasaki et al., "Metadata associated Network Services and Capabilities," Proc. Int. Conf. on Dublin Core and Metadata for e-Communities 2002, Florence, Italy, pp. 225-227 (2002).

\_\_\_\_\_ Bechler et al., "Quality of Service in Mobile and Wireless Networks: The Need for Proactive and Adaptive Applications," Proceedings of the 33<sup>rd</sup> Hawaii International Conference on System Sciences, University of Karlsruhe (2000).

\_\_\_\_\_ Margaritidis et al., "Adaptation Techniques for Ubiquitous Internet Multimedia," *Wireless Communications and Mobile Computing*, vol. 1, no. 2, pp.141-163 (Jan 2001).

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\_\_\_\_\_ Nahrstedt et al., "QoS-Aware Middleware for Ubiquitous and Heterogeneous Environments," *IEEE Communications Magazine* 2001.

\_\_\_\_\_ Chalmers et al., "QoS and Context Awareness for Mobile Computing," Department of Computing, Imperial College, London (1999).

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\_\_\_\_\_ Krasic et al., "QoS Scalability for Streamed Media Delivery," OGI CSE *Technical Report* SCE-99-011 (Sept. 1999).

Examiner

Date Considered

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.